Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 21 Nov 2023 until 23:59 on Wednesday 22 Nov 2023

Forecast Issued on Tuesday 21 Nov 2023 at 00:08

Confidence: High confidence for initially mild but cloudy conditions and for the transition to colder conditions by Friday. Lower confidence with the timing and extent of rain Thursday

Headline for Tuesday 21 Nov 2023: A dull start with rain and drizzle. Then drier and brighter with easing winds.

Mountain weather hazards on Tuesday 21 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Dull	Cloudy	Sunny intervals	Cloudy	Cloudy
Precipitation probability					
40%	20%	10%	<05%	<05%	<05%

Forecast for Tuesday 21 Nov 2023

Weather: Low cloud and outbreaks of light rain or drizzle expected to affect the park, particularly in the east. Rain will clear away to the south to leave a drier afternoon with bright or sunny spells. High cloud may turn sunshine hazy later, further thickening from the west overnight. Strong north to northwesterly winds will ease by late morning.

Chance of cloud-free hill tops above 600m: 40% in the west and 20% in the east, improving to 80% by mid-morning.

Low cloud and visibility: Broken to overcast cloud with bases 500-700m will affect the Peaks at first, giving areas of hill fog. Cloud lowering further to around 400m in rain and drizzle. Cloud breaks developing widely from mid-morning as rain clears with bases lifting clear of summits, although patchy cloud may briefly shroud the highest routes until the afternoon. Visibility generally very good outside of cloud, but occasionally moderate in early rain and poor in any drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Tuesday 21 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/32 N	22/30 NE	17/24 NE	11/15 N	6/9 N	5/7 SW	11/16 SW
300	19/25 N	16/25 N	12/18 NE	7/11 N	4/6 NE	3/5 SW	6/9 SW
Valley	12/26 N	12/26 N	10/20 NE	5/11 N	3/6 NE	2/5 S	3/9 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-1	4/-1	4/-1	4/0	3/0	3/0	3/-2
300	7/2	7/3	7/4	7/5	5/4	5/3	4/2
Valley	7/4	7/4	8/5	8/6	5/4	4/4	4/3
Freezing Level*	1500m	1300m	1100m	1100m	1000m	1000m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cloudy morning with strong winds and outbreaks of rain leading to some low temperatures at height and a risk of wind chill, be prepared for cold temperatures at height. Conditions improving by the afternoon, but still feeling chilly.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 21 Nov 2023	7.4mm	35.4mm	43.2mm

Forecast for Wednesday 22 Nov 2023

Weather: Cloud will thicken from the west Wednesday morning to give areas of hill fog and the odd spot of light rain or drizzle, especially across western upslopes. Chance of a few short-lived early mist and fog patches in valleys. Still plenty of bright or sunny spells away from western upslopes. Cloud building and lowering overnight from the northwest. Milder although very windy at height with a risk of gales, mainly across highest routes.

Maximum wind: West 30-40 mph, with gusts 40-55 mph

Chance of cloud-free hill tops above 600m: 90% lowering to 40% from the west around dawn, improving to 70% in the east by the afternoon

Low cloud and visibility: Hills in the east likely clear at first before areas of low cloud will arrive from the northwest, bases around 500m, with lower bases down to 300m on westward slopes. Bases improving to around 800m in the east by the afternoon with breaks developing. Visibility good outside of cloud but moderate in rain and poor in drizzle.

Temperature: **Valleys:** Plus 5 rising to plus 10 Celsius
At 600m: Plus 4 to 8 Celsius
Freezing level: Above summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.